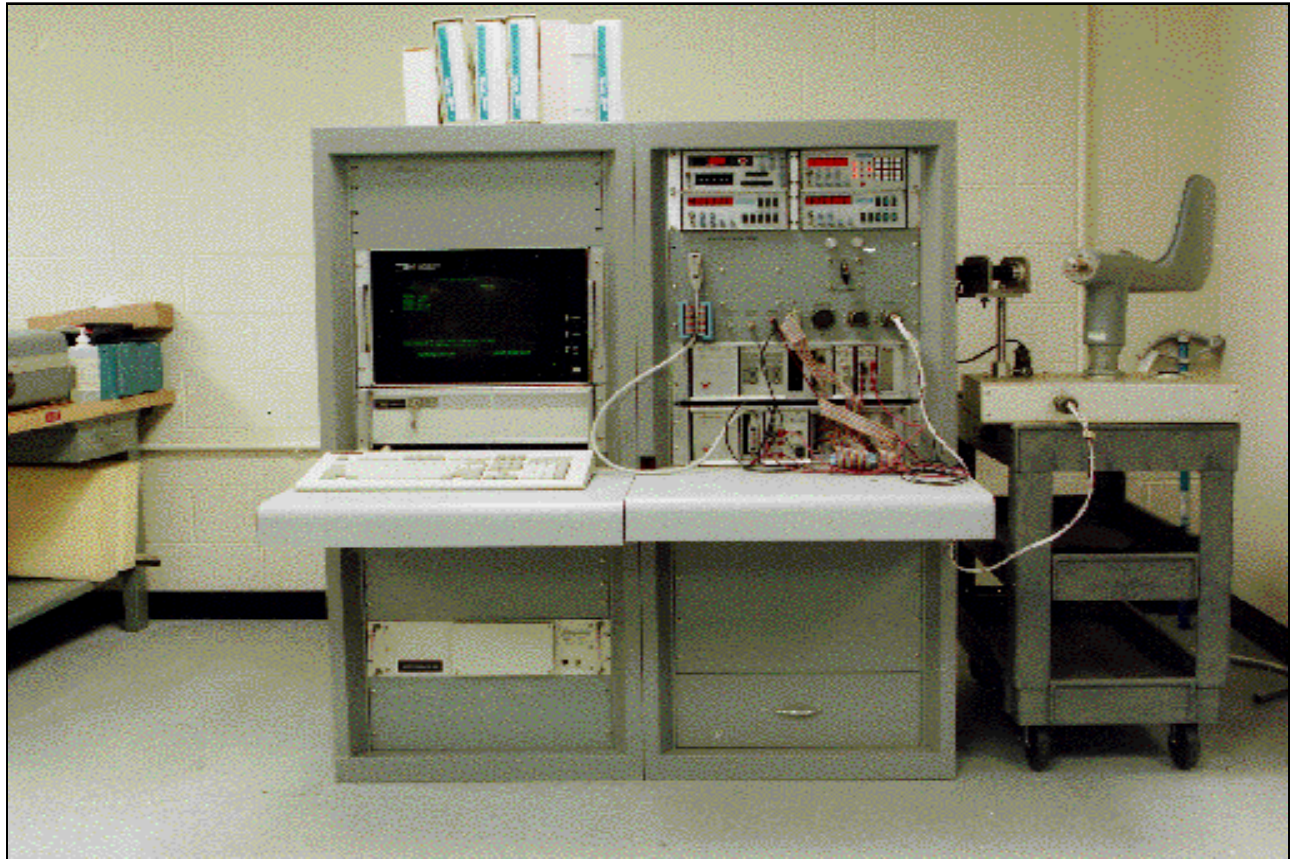


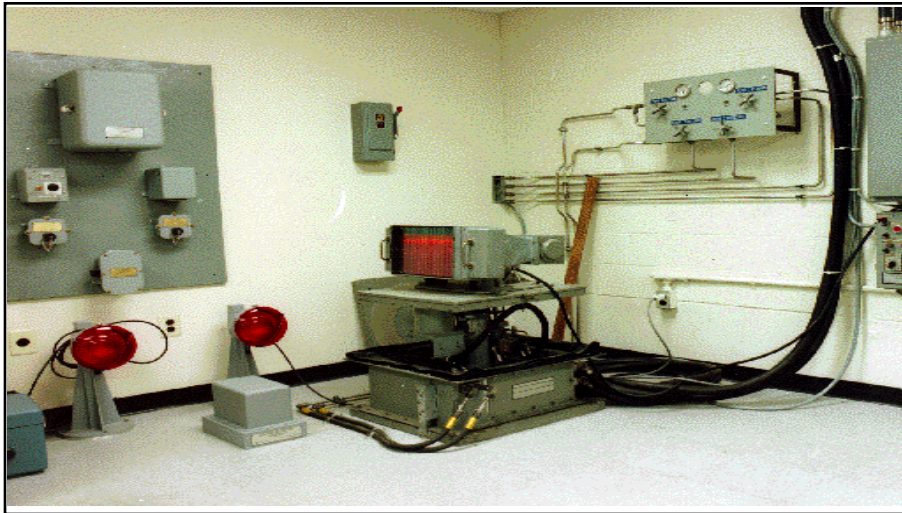
Wind Measuring and Indicating Systems Lab.



Wind Measuring and Indicating Systems Laboratory

The Wind Measuring and Indicating Systems (WMIS) Laboratory provides a temperature controlled environment to provide the means of evaluating shipboard WMIS. WMIS Laboratory provides Fleet support to maintain/calibrate, depot level repair of wind test equipment, RDT&E support of new WMIS, and engineering investigation support to resolve Fleet WMIS problems.

Wind Measuring and Indicating Systems Laboratory



The Wind Measuring and Indicating Systems Laboratory provides support for a broad range of WMIS and Visual Landing Aids (VLA) systems for direct Fleet support.

The WMIS laboratory includes a Stabilized Glide Slope Indicator System (SGSI), a Fresnal Lens Optical Landing System (FLOLS), a Horizontal Reference Set (HRS) and a air capable shipboard Wind Measuring and Indicating System all of which provides the laboratory the capability to simulate and test for engineering investigations of any WMIS related fleet problems.

The laboratory also provides depot support to the fleet for Hi-shock WMIS and maintenance/calibration support for WMIS Portable Test sets utilized by Fleet Technical personnel to certify WMIS on air capable ships.

Through the use of in-house designed software and commercial-off-the-shelf (COTS) hardware and software, the WMIS laboratory provides state-of-the-art data acquisition that can be readily adapted to support the development and test of a variety of wind measuring and indicating systems, subsystems and components.

For more information regarding the capabilities and availability of the WMIS laboratory, please contact the Wind Measuring and Indicating Systems Laboratory at 908-323-2146.